

Optical Switch with Adjustable Optical Loss

ABSTRACT OF THE DISCLOSURE

An apparatus and method of controlling optical loss in an optical switch to equalize optical power or loss in a group of optical signals in an optical transmission system relatively insensitive to mechanical vibration. In one embodiment a group of optical signals is input into an optical switch and selected optical signals are variably attenuated using synchronized control to two mirrors in order to provide more uniform power distribution among the group of optical signals without enhancing vibration sensitivity of the optical switch.

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